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TI Preparation of N-alkyl lactams from lactones and tertiary amine derivatives

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SO Jpn. Kokai Tokkyo Koho, 6 pp.

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PI JP 01186863	A2	19890726	JP 1988-11303	19880121
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JP 07010835	B4	19950208		
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AB N-Alkyl lactams are prepd. by treatment of lactones with tertiary amines or tertiary or quaternary ammonium compds. in the presence of H<sub>2</sub>O, followed by dealcoholization at 240-270.degree.. A mixt. of .gamma.-butyrolactone, Me<sub>3</sub>N, and H<sub>2</sub>O was autoclaved at 255.degree. for 25 h to give N-methyl-2-pyrrolidone of 99.9% purity and APHA (American Public Health Assocn.) value 5-10, vs. 97.8% and 40, resp., for a control reaction at 290.degree. for 6 h.

IC ICM C07D207-267

ICS C07D211-76

DT Patent

LA Japanese